



217/782-6760

144459

Refer to: L1630200005 - St. Clair County
Cahokia/Dead Creek
Pre-Quotation Site Visit

Environmental Emergency Services
529 Mercury Boulevard
Chesterfield, Missouri 63017

Attention: Mr. Dave Pritchard

Gentlemen.

An on-site briefing will be held at 10 a.m. on November 13, 1984 at Dead Creek on New Queeny Avenue in Sauget, Illinois (map attached). The Agency intends to use State funds to perform an immediate clean-up of a portion of the hazardous waste site.

Dead Creek is a natural drainage creek which is located adjacent to previous dumping operations and probably received direct dumping. The area of the immediate clean-up is limited to approximately 4 acres located immediately west of Dead Creek. The site has been used for open dumping with oil pools and drums present.

Scope of Clean-up Project

The contractor shall furnish the required personnel, materials, services, facilities and otherwise do all things necessary for and incident to the performance of the work set forth below. Refer to the attached diagram of the site.

1. Remove and dispose of "oil pools" at the site. The area of the pools is estimated at 2,753 square feet with an average depth not exceeding six inches resulting in a volume of approximately 51 cubic yards.

IEPA has sampled and analyzed the two pools. Results of the analyses will be available at the on-site briefing.

2. Remove and dispose of a solidified spill material with an estimated area of 1,152 square feet and an average depth not exceeding six inches resulting in a volume of approximately 21 cubic yards.
3. Remove and dispose of approximately 100 drums in varying states of deterioration. The state of deterioration makes an accurate count of drums impossible. Similarly, an accurate estimate of volume of waste associated with the drums is impossible. The volume of waste attributable to the drums is estimated at 33 cubic yards.

The drums will be manifested as hazardous waste contaminated soil of unknown constituents. The ability to sample and analyze waste from specific drums does not appear possible.



4. Disposal of liquid waste in a landfill is not an acceptable disposal option.
5. No liquid hazardous waste shall be transported or disposed out-of-state.
6. Preference for contract award will be given for proposals that dispose of the least amount of hazardous waste in a landfill. The method for this preferential examination will be discussed at the on-site briefing.
7. The site will be cleared of all vegetative material. The area requiring clearing is estimated at 3.3 acres. Vegetative material will remain on-site with heavy brush chipped to reduce volume. This material will be buried (refer to item 8).
8. Two distinct earthwork operations will be included in the project.
 - a. Surface soil from the western half of the site will be pushed to the eastern half of the site. The depth of soil to be pushed equals 1 foot. Therefore, approximately 2,639 cubic yards must be moved.
 - b. The entire site will be encapsulated by coverage with a clay cap. The depth of the cap will taper from one foot at the eastern side to two feet at the western side of the site. The average depth will be 1.5 feet resulting in 8,785 cubic yards of clay required for backfilling.

The western half of the site is being approached as a complete remedial action. The eastern half of the site is being used for short-term storage of contaminated earth and vegetative material.

9. Five samples will be collected from the western portion of the site after initial soil stripping to determine the extent of subsurface contamination and evaluate the need for additional testing and/or soil removal before proceeding with capping the site as described above.
10. Due to the time of construction a temporary ground cover of straw or mulch will be spread over the site (3.7 acres) with final seeding to be completed in the spring of 1985.
11. The contractor shall obtain all necessary permits for the disposal of waste from this site.
12. The contractor shall comply with all DOT, OSHA and RCRA requirements.
13. The contractor shall submit a site safety plan to protect area residents, IEPA personnel, and contractor personnel from adverse health impacts. The contractor will not start work until the plan is approved by IEPA.
14. The contractor will make arrangements to analyze samples as required for organic and inorganic constituents.



Quotation Format

1. The contractor will provide a detailed ceiling price which will be derived by calculating in accordance with the hourly labor, equipment useage, per diem, analysis, transportation, disposal and material subcontracting/handling rates specified in the firm's rate schedule which shall be attached to the quotation.
2. The contractor shall not make expenditures or incur obligations in the performance of the contract which exceed the ceiling price, except at the contractor's own risk.

Quotations for this clean-up will be formally requested by letter in a follow-up letter to the November 13, 1984 on-site briefing. The follow-up letter will also address any questions which may arise during the site briefing.

Please direct all questions to Steven K. Dunn of my staff at the above indicated address and telephone number.

Sincerely,

James F. Frank, Manager
Hazardous Substance Control Section
Division of Land Pollution Control

JFF:SKD:sf/2235d,17-19

Attachments

cc: Bob Cowles
File
Collinsville Regional Office
USEPA - Mike O'Toole